## Posizione attuale

Assegnista di ricerca Università di Bologna The goal of this project is to study how different algebraic structures can help with the classification of nilpotent Lie groups. Supervisors: Prof Annalisa Baldi and Prof Bruno Franchi	2020
Posizioni precedenti	
Postdoctoral researcher under the ERC project GeoMeG Jyväskylä University The goal of this project was to study minimal surfaces in a subRiemannian setting, focusing on precisely monotone subsets of Carnot groups of arbitrary step. Supervisor: Prof Enrico Le Donne	2017-2019
Studi	
Ph.D. in Pure Mathematics King's College London Thesis Title: "On the topology of surfaces with the simple lift property". Thesis supervisors: Dr Giuseppe Tinaglia and Prof Simon Salamon Graduation date: 01.09.2017	2013-2017
Laurea Magistrale (MSc.) in Mathematics Università di Bologna 110/110 cum laude Thesis title: "Differential Forms on Carnot Groups" Thesis supervisors: Prof Bruno Franchi and Prof Pierre Pansu Graduation date: 19.07.2013	2011-2013
Laurea Triennale (BSc.) in Mathematics Università di Bologna 110/110 cum laude Thesis title: Thesis title: "Toric Varieties" Thesis supervisor: Prof Luca Migliorini Graduation date: 21.10.2011	2008-2011
Insegnamento	
Riemannian Geometry Jyväskylä University During the first semester of the academic year 2018/19, I taught a postgraduate course on Riemannian Geometry. Teaching assistant: Terhi Moisala	2018
Graduate Teaching Assistant King's College London As part of my contract as a Graduate Teaching Assistant, I prepared and led small-group tutorials for numerous undergraduate and postgraduate modules, including Calculus I and II, Analysis I and II, Geometry of Surfaces, PDEs and Complex Variables, and Topology.	2013-2017
Mentor	2014-2015

King's College London Mathematics School

During the 2014-15 academic year, I worked as a Mentor at King's College London Mathematics School, a mathematics specialist sixth-form school for students aged 16-18.

## Seminari su invito

- University of Jyäskylä, Analysis seminar, 18/12/19, "Studying sequences of properly embedded minimal disks";
- King's College London, KCL/UCL Geometry seminar, 2/10/2019, "Studying sequences of properly embedded minimal disks";
- UiT The Arctic University of Norway, Symmetry and Differential Geometry, 13/09/2019, "Differential forms on Heisenberg groups and some applications";
- Institutt for matematiske fag, NTNU, Nordfjordeid Summer School 2019 Analysis, Geometry and PDE, 1-5/07/19, " $\ell^{q,1}$  forms on Heisenberg groups";
- University of Jyväskylä, Geomeg seminar, 28/01/19, " $\ell^{q,1}$  forms on Heisenberg groups";
- Bologna University, Sub-Riemannian Geometry Harmonic Analysis, PDE and Applications, 24-27/01/18, "On the topology of surfaces with the simple lift property";
- Université Nice Sophia Antipolis, Weekly Seminar, 11/12/17, "A review of the Rumin complex";
- University of Granada, Seminario de Geometria, 1/12/17, "On the topology of surfaces with the simple lift property";
- University of Jyäskylä, Geomeg seminar, 30/10/17, "On the topology of surfaces with the simple lift property";
- Leicester University, m:iv, 02/03/17, "On the topology of surfaces with the generalised simple lift property";
- University College London, UCL Junior Geometry Seminar, 28/10/14; 11/11/14, "Intersection Theory mod 2";
- Imperial College London, Junior Geometry Seminar, 11/5/14 "Warped Products and Hopf Fibration";
- Bologna University, Seminari BAD, 23/4/14, "An Introduction to Quantum Field Theory"
- Bologna University, Seminari BAD, 6/6/13, "Spectral Sequences"